

10/524201**BT01 Rec'd PCT/PTC 10 FEB 2005**AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

Claims 1-15 (cancelled)

16. (new) A controlled-flow hydraulic distributor, comprising:
a cylindrical internally hollow body (2), exhibiting an inlet chamber (3) for a fluid and an outlet chamber (4);
a cursor (7) associated to the hollow body (2) and mobile therein between a non-operative position in which the cursor (7) interrupts passage of the fluid from the inlet chamber (3) to the outlet chamber (4) and at least an operative position in which the cursor (7) allows passage of the fluid;
a linear actuator (8), operatively associated to the cursor (7), for moving the cursor (7) in a direction (A) between the operative position and the non-operative position;
elastic means (11) associated to the cursor (7);
and a closing element (12) mobile in the inlet chamber (3);
characterized in that the closing element (12) is associated to the elastic means (11) and is mobile between a first position in which it closes off the inlet chamber (3) and a second position in which it permits passage of fluid from the inlet chamber (3) to a second opening (3b); the inlet chamber (3) comprising the second opening (3b), which is connected directly or indirectly to a second inlet chamber (20), and an antechamber (3a) into which fluid is supplied via an external organ; the closing element (12) being interpositioned between the antechamber (3a) and the second opening (3b).

17. (new) The distributor of claim 16, wherein the closing element (12) comprises a first wall (13) associated to the elastic means (11) and facing the second opening (3b) and a second wall (14) opposite the first wall (13), which faces the antechamber (3a).

18. (new) The distributor of claim 17, wherein the closing element (12) comprises a lateral wall (15) associated to the first wall (13) and the second wall (14), which lateral wall (15) is in contact with an internal surface of the hollow body (2), which internal surface defines the inlet chamber (3); the lateral wall (15) affording at least a passage (16).

19. (new) The distributor of claim 18, wherein the passage (16) exhibits a longitudinal development which is predominantly parallel to a movement direction (A) of the cursor (7).

20. (new) The distributor of claim 16, wherein the closing element (12) exhibits a cylindrical development.

21. (new) The distributor of claim 18, wherein the passage (16) comprises an incision (16a) having a decreasing breadth as it progresses towards the first wall (13).

22. (new) The distributor of claim 18, wherein the passage (16) is constituted by at least one hole.

23. (new) The distributor of claim 16, wherein the cursor (7) comprises a shaft (7a) having a longitudinal development which is parallel to direction (A) and which exhibits a first end (7b) which is operatively engaged with the elastic means (11) and a second end (7c) which is associated to the linear actuator (8).

24. (new) The distributor of claim 23, wherein the elastic means (11) comprise a helix spring (11a) exhibiting two ends (11b), an end of which two ends (11b) is associated to the first wall (13) and another end of which two ends (11b) is associated to the shaft (7a); the spring (11a) being compressed by effect of a movement into the operative position of the cursor (7) and by effect of a movement of the closing element (12).

25. (new) The distributor of claim 24, wherein the shaft (7a) exhibits at least one annular groove (9) made in an external surface of the shaft (7a) and arranged between the first end (7b) and the second end (7c) thereof; the groove (9) defining, in collaboration with the internal surface (9a) of the hollow body (2), an annular chamber (10).

26. (new) The distributor of claim 25, wherein the annular chamber (10) is in communication with the second inlet chamber (20).

27. (new) The distributor of claim 26, wherein the annular chamber (10) is in communication with the outlet chamber (4) when the cursor (7) is arranged in the operative position.

28. (new) The distributor of claim 16, wherein the linear actuator (8) comprises an electromagnet.

29. (new) The distributor of claim 16, wherein the linear actuator (8) comprises a hydraulic piston.